IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 9 and 10 and ADD new claims 11 to 16 in accordance with the following:

1. (currently amended) A computer program that makes a computer execute:

~~setting~~ selecting a specific element from an installation space having a plurality of elements where each element to be given a name is hierarchically expressed on one of a plurality of interrated levels;

generating a name space ontology ~~based on name information~~, ~~and storing the name space ontology generated to a first database,~~ wherein the name space ontology is a ~~group~~ hierarchy of ~~name~~names ~~candidates~~ assigned to respective elements from the installation space with the ~~specific~~ selected element ~~being set as~~having a respective name at a top level of the name space ontology; and

linking each name ~~constituting~~ of the name space ontology with ~~multimedia~~ information ~~and storing the multimedia information to a second database~~ related to the element having the name assigned thereto.

2. (Previously Presented) The computer program according to claim 1, wherein the generating includes generating the name space ontology according to the specific element being set.

3. (Previously Presented) The computer program according to claim 1, further making the computer execute deciding whether to give the specific element set a name from the name candidates in the name space ontology.

4. (Original) The computer program according to claim 1, wherein the generating includes collating obtained name information with previously obtained name information, and checking duplication of names based on the collation.

5. (Original) The computer program according to claim 4, wherein the generating includes checking the duplication of names within a domain to which the name information belongs.

6. (Original) The computer program according to claim 1, wherein the generating includes obtaining name information with an extension.

7. (Previously Presented) The computer program according to claim 1, further making the computer execute setting a security gate based on an environment in which the name is used, wherein the security gate limits a range of names that can be searched for or referred to.

8. (Previously Presented) The computer program according to claim 7, further make the computer execute

searching for a name corresponding to the name space ontology and multimedia information that is linked with the name, and

outputting a result of the search corresponding to the security gate.

9. (Currently Amended) A multimedia processing apparatus comprising:

~~a first database;~~

~~a second database;~~

a ~~setting~~ selecting unit that ~~sets~~ selects a specific element from an installation space having a plurality of elements where each element to be given a name is hierarchically expressed on one of a plurality of interrated levels;

a generating unit that generates a name space ontology ~~based on name information, and stores the name space ontology generated to the first database,~~ wherein the name space ontology is a ~~group~~ hierarchy of ~~name~~names ~~candidates~~ assigned to respective elements from the installation space with the ~~specific~~ selected element ~~being set as~~having a respective name at a top level of the name space ontology; and

a linking unit that links each name ~~constituting~~ of the name space ontology with ~~multimedia~~ information ~~and stores the multimedia information to the second database~~ related to the element having the name assigned thereto.

10. (Currently Amended) A multimedia processing method comprising:

~~setting~~ selecting a specific element from an installation space having a plurality of elements where each element to be given a name is hierarchically expressed on one of a plurality of interrated levels;

generating a name space ontology ~~based on name information~~, ~~and storing the name space ontology generated to a first database,~~ wherein the name space ontology is a ~~group~~ hierarchy of ~~name~~names ~~candidates~~ assigned to respective elements from the installation space with the ~~specific~~ selected element ~~being set as~~having a respective name at a top level of the name space ontology; and

linking each name ~~constituting~~ of the name space ontology with ~~multimedia~~ information ~~and storing the multimedia information to a second database~~ related to the element having the name assigned thereto.

11. (New) A method of generating a name ontology for a plurality of elements that are arranged in an hierarchical order and linking multimedia information to the elements after naming the elements, comprising:

specifying an element as a target element;

generating name ontology for the target element and all the elements below the target element in the hierarchical order based on name information;

naming the target element and the elements below the target element based on the generated name ontology; and

linking multimedia information to the elements that are named at the naming.

12. (New) The method according to claim 11, further comprising:

receiving the name information that is to be used at the generating to generate the name ontology.

13. (New) The method according to claim 11, further comprising:

selecting a name information, out of a plurality of name information stored in a database of name information, as the name information that is to be used at the generating to generate the name ontology.

14. (New) The method according to claim 11, further comprising:
generating the name ontology at the generating based on a neural network.

15. (New) The method according to claim 11, further comprising:
generating the name ontology at the generating based on fuzzy logic.

16. (New) The method according to claim 11, further comprising:
generating the name ontology at the generating based on a genetic algorithm.